CONTENTS OF *VETERINARY PARASITOLOGY*, VOLUME 29

VOL. 29 NO. 1 JULY 1988

Diagnosis of *Anaplasma marginale* infections: a sensitive ELISA technique
A. Duzgun (Lalahan-Ankara, Turkey), C.A. Schuntner, I.G. Wright, G. Leatch and D.J. Waltisbuhl (Indooroopilly, Qld., Australia) 1

The use of amphotericin B in prevention of *Trypanosoma theileri* growth in bovine cell culture
N. Lostrie-Trussart, J.J. Letesson, Ch. Didemboug and A. Depelchin (Namur, Belgium) 9

Control of gastrointestinal parasitism with an oxfendazole pulse-release anthelmintic device
R.J. Thomas (Lusaka, Zambia) and S.L. Bell (Newcastle upon Tyne, Gt. Britain) 19

Epidemiological patterns of gastrointestinal and lung helminth infections in grazing calves in The Netherlands
M. Eysker and L. van Miltenburg (Utrecht, The Netherlands) 29

A climate-based model for the development of the ixodid tick, *Rhipicephalus appendiculatus* in East Coast fever zones
D. King (Glasgow, Gt. Britain), G. Gettinby and R.M. Newston (Nairobi, Kenya) 41

Antigenicity and immunogenicity of *Hypoderma lineatum* soluble proteins in the bovine host
J.H. Pruett, K.B. Temeyer and B.K. Burkett (Kerrville, TX, U.S.A.) 53

Control of horn flies on cattle with insecticide pellets fired from a CO_2-operated pistol
T.L. Harvey and J.R. Brethour (Hays, KS, U.S.A.) 65

Short Communication

Prevalence and pathology of helminth parasites in domestic ducks of Bangladesh
M.R. Islam, H. Shaikh and M.A. Baki (Mymensingh, Bangladesh) 73

Announcement 79

About the Authors 81

VOL. 29 NOS. 2–3 SEPTEMBER 1988

Special Issue: 4th Immunoparasitology Symposium

Preface iii

Symposium Summary 85

Comparison of Dot-ELISA, ELISA and IFAT for the detection of IgG antibodies to *Sarcocystis muris* in experimentally infected and immunized mice
A.M. Tenter (Hannover, F.R.G.) 89

Recent applications of the Dot-ELISA in immunoparasitology
M.G. Pappas (Ann Arbor, MI, U.S.A.) 105

The host–parasite interface in molluscan schistosomiasis: biotin as a probe for sporocyst and hemocyte surface peptides
C.J. Bayne and C.J. Hull (Corvallis, OR, U.S.A.) 131

Characterization of isolated porcine intestinal mucosal mast cells following infection with *Ascaris suum*
M. Ashraf, C.M. Lee (Washington, DC, U.S.A.), J.F. Urban, Jr. (Beltsville, MD, U.S.A.) and T.D.G. Lee (Calgary, Alb., Canada) 143
T cell clones: tools to investigate host–parasite relationships
P.J. Lammie (New Orleans, LA, U.S.A.) 159
Epidemiological and immunological aspects of human crisis form factor in falciparum malaria: cell-mediated responses?
J.B. Jensen and J.A. Vande Waa (East Lansing, MI, U.S.A.) 171
Immunogenetic analysis of *Trichinella spiralis* infections in swine
J.K. Lunney and K.D. Murrell (Beltsville, MD, U.S.A.) 179
A critical look at the importance, prevalence and control of toxocariasis and the possibilities of immunological control
O.O. Barriga (Columbus, OH, U.S.A.) 195
Immunological control of hematophagous arthropod vectors: utilization of novel antigens
S.K. Wikel (Grand Forks, ND, U.S.A.) 235
Acquired immunity in schistosomiasis with purified *Fasciola hepatica* cross-reactive antigens
G.V. Hillyer, M.S. de Galanes, M.I. Garcia Rosa and F. Montealegre (Rio Piedras, PR, U.S.A.) 265
Present and future applications of vaccinia virus as a vector
D.E. Hruby (Corvallis, OR, U.S.A.) 281

Abstracts of articles presented as posters 293

VOL. 29 NO. 4 **OCTOBER 1988**

Editor's note 297
Standardized nomenclature of animal parasitic diseases (SNOAPAD)
T. Kassai (Budapest, Hungary), M. Cordero del Campillo (Leon, Spain), J. Euzeby (Bains, France), S. Gaafar (West Lafayette, IN, U.S.A.), Th. Hiepe (Berlin, G.D.R.) and C.A. Himonas (Thessaloniki, Greece) 299
Evolution of coccidial infection in commercial and domestic rabbits between 1982 and 1986
J.E. Peeters, R. Geeroms and P. Halen (Brussels, Belgium) 327
Prevalence of stephanofilariasis in young *Bos indicus* cattle in northern Australia
S.J. Johnson and M.A. Toleman (Townsville, Qld., Australia) 333
Efficacy of topically applied ivermectin against *Boophilus microplus* (Canestrini, 1887) in cattle
L.G. Cramer, R.A. Barrick (Rahway, NJ, U.S.A.), L.A.F. Carvalho, A.A. Bridi and N.K. Amaral (Uruguaiana, Brazil) 341
Ability of adults of *Amblyomma hebraeum* (Acarina: Ixodidae) to feed repeatedly on sheep and cattle
R.A.I. Norval (Harare, Zimbabwe), R.B. Floyd and J.D. Kerr (Indooroopilly, Qld., Australia) 351

About the Authors 357

Author Index 359